

Ag 81.31.798
BULLETIN 798


JULY 1981

43
E2
no. 7

1980 *INSPECTIONS OF*

**FERTILIZER
PESTICIDE
AND FEED
PRODUCTS**

J. Gordon Hanna



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1980 Inspections of
Fertilizer, Pesticide and Feed Products

Data obtained by chemical analysis of officially collected samples of commercial feeds, fertilizers and pesticide formulations are contained in this report. The tables show the number of samples from each manufacturer (in parenthesis), the number of determinations made for each guaranteed ingredient, the number of deficiencies, and the average percent of claims for each component.

The deficiencies noted for feeds samples are based on the permitted variations recommended by the Association of American Feed Control Officials, the investigational allowances for fertilizers are those of the Association of American Plant Food Control Officials, and the permissive guarantee variations suggested by the Association of American Pesticide Control Officials are used for pesticide formulations.

Data for 814 samples of feed representing 61 manufacturers, 266 samples of fertilizer representing 20 manufacturers and 257 samples of pesticide representing 78 manufacturers are summarized.

The feed and fertilizer laws are administered by the Commissioner of Agriculture. The pesticide law is under the direction of the Commissioner of Environmental Protection.

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J. Gordon Hanna, Chief Chemist

Feed Manufacturer	Number of Claims				Number Not Met			Average % of Claims		
	Protein	Fat	Fiber	Total	Protein	Fat	Fiber	Protein	Fat	Fiber
Agway Inc. (148)	145	148	148	441	7	1	0	111	132	65
Allen Products (2)	2	2	2	6	0	1	0	117	92	57
Allied Mills (17)	17	17	17	51	0	4	0	112	107	67
B & M Farms & Milling Co. (4)	4	4	4	12	0	0	0	116	137	44
Beacon Milling Co. (8)	8	8	8	24	0	0	0	103	126	68
Best Feeds & Farm Supplies (1)	0	1	1	2	---	0	0	---	117	67
Bloomfield Farmers Exchange (3)	3	3	3	9	0	1	0	118	96	75
Bumble Bee Seafoods (4)	4	4	4	12	0	0	0	119	191	26
Calo Pet Foods, Inc. (5)	5	5	5	15	0	0	0	115	149	20
Carnation Co. (109)	106	109	109	324	3	0	0	114	148	51
Central Conn. Co-op. (13)	13	13	13	39	0	0	0	108	139	70
Champion Valley Farms (10)	10	10	10	30	0	0	0	118	118	54
Compass Foods (3)	3	3	3	9	0	0	0	120	150	79
Conagra (6)	6	6	6	18	0	1	0	114	96	63
Country Foods Div., Agway (9)	8	9	9	26	0	0	0	109	141	51
Jim Dandy Co. (1)	1	1	1	3	0	0	0	109	230	46
Davis-Grande, Inc. (5)	5	5	5	15	2	0	0	100	146	65
Derby Feed Co. (2)	0	2	2	4	---	0	0	---	162	54
Farm Bureau Co-op. Assn. (1)	1	1	1	3	0	0	0	100	122	78
Farnum Companies (1)	1	1	1	3	0	0	0	128	250	47
General Foods Corp. (8)	7	7	7	21	0	0	0	123	155	35
Great Atlantic and Pacific Tea Co. (9)	9	9	9	27	1	4	2	116	113	69
Hart Seed Co. (1)	1	1	1	3	0	0	0	103	160	64
Hartz Mountain Corp. (4)	4	4	4	12	0	2	0	125	100	81
Health Valley Natural Food (6)	6	6	6	18	2	0	0	116	207	25
Hill's (5)	5	5	5	15	0	0	0	114	124	69
International Multi Foods Corp. (2)	2	2	2	6	0	0	0	133	198	81
Items, Inc. (1)	1	1	1	3	0	0	0	107	100	29
I.S. Joseph Co. (1)	1	1	1	3	1	0	0	89	167	81
Kal Kan Food, Inc. (2)	2	2	2	6	0	0	0	113	119	35
Kaytee Products (8)	0	8	8	16	---	0	0	---	114	66
K & L Feed Mill (92)	89	89	89	267	24	25	14	100	102	94

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Feed Manufacturer	<u>Number of Claims</u>				<u>Number Not Met</u>			<u>Average % of Claims</u>		
	Protein	Fat	Fiber	Total	Protein	Fat	Fiber	Protein	Fat	Fiber
Lipton Pet Foods Inc. (1)	1	1	1	3	0	0	0	115	131	43
Lissco Food Ind., Inc. (1)	1	1	1	3	0	0	0	143	542	9
Martins Feed Mills (3)	3	3	3	9	0	0	0	96	115	54
Milk Specialties, Inc. (1)	1	1	1	3	0	0	0	110	96	8
National Alfalfa Dehy- drating Milling Co. (1)	1	1	1	3	0	0	0	124	195	81
Nature Pet Food, Jones Manufacturing Co. (1)	1	1	1	3	0	0	0	126	139	41
L.M. Newfields Co. (1)	1	1	1	3	0	0	0	103	408	75
Old Mother Hubbard (6)	6	6	6	18	0	0	0	107	112	97
Park Foods (1)	1	1	1	3	0	0	0	112	202	80
Pro-Pet, Inc. (5)	5	5	5	15	1	1	0	103	110	40
Quaker Oats Co. (2)	1	2	2	5	0	0	0	192	132	53
Ralston Purina Co. (80)	73	80	80	233	1	1	0	110	145	61
Rytman Grain Co. (38)	37	38	38	113	7	14	0	101	91	69
Shafer Seed Co. (1)	0	1	1	2	---	0	0	---	223	62
Shur-Fine, Eastern Corp. (2)	2	2	2	6	0	0	0	113	157	76
Stanford Seed Co. (2)	0	2	2	4	---	0	0	---	148	50
Star-Kist Foods, Inc. (3)	3	3	3	9	0	0	0	132	242	25
Strongheart Products Inc. (7)	7	7	7	21	0	0	0	122	134	42
Sun Harbor Industries (1)	1	1	1	3	0	0	0	115	166	25
Tri-Mutual, Inc. (1)	0	1	1	2	---	0	0	---	101	76
Triumph Pet Ind. (6)	5	6	6	7	3	0	0	101	188	54
Unadulterated Food Products Inc. (1)	1	1	1	3	1	0	0	92	134	72
United Co-op Farmers (39)	36	39	39	114	3	0	0	104	137	75
William S. Warren & Son (11)	11	11	11	33	1	0	1	103	132	71
Watatic Farm Supply (1)	1	1	1	3	0	0	0	113	204	97
WafCol Ltd. (2)	2	2	2	6	0	0	1	113	133	114
H.K. Webster (105)	93	105	105	303	4	4	1	109	120	66
(814)	763	810	810	2383	61	59	19	109	131	65

Percent of claims deficient: 5.8

Fertilizer Manufacturer	Number of Claims			Number Not Met		Average % of Claims	
	N	P ₂ O ₅ ⁺ K ₂ O	Total	N	P ₂ O ₅ ⁺ K ₂ O	N	P ₂ O ₅ ⁺ K ₂ O
Agrico (44)	41	82	123	20	38	97.7	94.1
Agway (63)	61	125	186	11	5	103.9	116.7
Cadwell & Jones (27)	27	54	81	14	21	89.5	98.0
Chamberlin & Barclay (2)	2	4	6	1	1	91.6	130.5
Chevron (1)	1	2	3	0	0	126.5	97.1
Derby Feed & Grain (1)	1	2	3	1	0	47.0	158.1
Espoma Co. (5)	5	10	15	0	0	120.0	123.6
Estech General Chem. Corp. (30)	30	55	85	8	11	108.0	110.1
Ford Motor Co. (1)	1	1	2	0	0	100.8	100.5
Garfield Williamson Co. (3)	3	6	9	0	0	125.2	122.4
Chas. C. Hart Co. (1)	1	2	3	0	0	100.7	113.1
Heritage House Products (4)	4	8	12	0	1	107.8	144.4
Lebanon Chemical Corp. (2)	2	4	6	0	0	104.8	109.3
Lofts Pedigreed Seed (2)	2	4	6	1	0	97.4	157.3
Nassau Gardens (10)	10	20	30	1	0	111.8	128.0
Old Fox (19)	19	38	57	7	11	99.2	120.0
O.M. Scott (17)	17	34	51	0	0	106.2	115.4
Sears (4)	4	8	12	0	0	104.2	113.8
Swift Agric. Chem. Co. (8)	8	15	23	1	2	117.7	111.6
U.S.S. Agric. Chem. (2)	2	4	6	0	0	119.4	109.7
(246)	241	478	719	65	90	102.8	111.4

Percent of claims deficient: 21.6%

Manufacturer	Secondary and Minor Elements		Number Not Met	Average % Of Claims
	Element Claimed	Number Of Claims		
Agrico (3)	Magnesium	3	0	205
Agway (2)	Iron	1	0	114
	Magnesium	1	0	200
Garfield Williamson (1)	Iron	1	1	26
Nassau Gardens (5)	Iron	5	0	791
Old Fox (4)	Iron	1	0	144
	Magnesium	3	0	190
Sears (1)	Iron	1	0	150
Swift Agric. Chem. Co. (3)	Chlorine	2	1	78
	Magnesium	1	0	92
U.S.S. Agric. (1)	Boron	1	0	105
(20)		20	2	306

Percent of claims deficient: 10.0

Mixed Fertilizer Distribution

July 1, 1979 - June 30, 1980

Tonnages of Fertilizer Materials and Mixed
Fertilizers Purchased During the Period of
July 1, 1979 - June 30, 1980

Grade	Tons	Chemical Nitrogen	
0-15-30	96	Ammonium nitrate	214
0-25-25	52	Ammonium sulfate	2
5-10-5	661	Calcium nitrate	97
5-10-10	1,930	Nitrate of soda	64
10-6-4	1,955	Nitrate of solutions	294
		Urea	491
10-10-10	10,117	Ureaform	34
10-20-20	410		1,196
12-4-8	30		
14-14-14	24	Organics	
15-15-15	634	Castor pomace	24
		Cottonseed meal	370
15-30-15	42	Dried blood	7
16-8-8	76	Dried manure	3,643
20-5-10	463	Sewage sludge	5
20-12-8	60	Tankage	47
20-20-20	47		4,096
25-5-10	198		
Miscellaneous*	23,332		
Total	40,127		

*Small amounts or reported by fewer than three manufacturers

Tonnages of Fertilizer Materials and Mixed Fertilizers

Purchased During the Period of July 1, 1979 - June 30, 1980

Phosphates

Ammonium phosphate	1,506
Bonemeal	48
Dicalcium phosphate	2
Phosphate rock	15
Superphosphate 20%	71
Superphosphate 40%	3,713
	<u>5,355</u>

Potash

Muriate of potash	2,702
Potassium nitrate	2
Potassium sulfate	29
Tobacco stems	24
Other potassium materials	11
	<u>2,768</u>

Secondary and micronutrients

Borax	16
Gypsum	203
Magnesium sulfate	1
Zinc sulfate	9
	<u>229</u>

Total	13,644
Commercial mixtures	<u>40,127</u>
Total	<u>53,771</u>

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Agway (15)	Atrazine	1	0	88
	Captan	1	0	112
	Carbaryl	1	0	101
	2,4-D	1	0	100
	Dacthal	1	0	99
	Diazinon	1	0	110
	Dicamba	1	0	105
	Dimethoate	1	0	105
	Kelthane	1	0	106
	Lasso	1	0	77
	Malathion	2	0	98
	Maneb	1	0	105
	Meta-Systox R	1	0	100

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Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
	Methoxychlor	3	0	108
	Resmethrin	1	0	101
	Rotenone	1	0	109
	Thiram	1	0	105
	Zineb	2	0	106
Alcott-Haig & Co. (1)	(5-Benzyi-3-furyl)- methyl-2,2-dimethyl- 3-(2-methylpropenyl)- cyclopropane carboxylate	1	0	108
Amchem Products, Inc. (6)	Amitrole	1	0	102
	Calcium acid metharsonate	1	0	100
	2,4-D	3	0	104
	Dicamba	1	0	96
	Picloram	1	0	109
	Sevin	1	0	101
	2,4,5-T	1	0	106
American Cyanamid (1)	Dimethoate	1	0	98
Asplundh Tree Expert Co. (1)	Ammonium ethylcarbamoyl phosphonate	1	0	113
Black Leaf Products Co. (4)	Dimethoate	1	0	99
	Kelthane	1	0	105
	Octylammonium and dodecylammonium metharsonate	1	0	100
	Sevin	1	0	99
Bonide Chemical Co. (11)	Benomyl	1	0	99
	Captan	1	0	102
	Copper salts	1	0	87
	DDVP	1	0	107
	Disyston	1	0	103
	Kelthane	2	0	99
	Malathion	1	0	101
	Sevin	2	0	102
	Zectran	1	0	109
Borderland Products, Inc. (1)	3,5-Dimethyl-4- (methylthio)phenyl- methyl carbamate	1	0	100

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Cello Chemical Co. (1)	Quaternary ammonium compounds	1	0	133
The Charger Corporation (1)	Pentachlorophenol	1	0	103
Chem Lawn Inc. (2)	Dursban	1	1	--- ^a
	Trimex	1	1	--- ^a
Chevron Chemical Co. (16)	Acephate	2	0	99
	Captan	1	0	100
	Carbaryl	2	0	108
	2,4-D	3	0	105
	Dacthal	1	0	106
	Diazinon	2	0	99
	Folpet	1	0	102
	Kelthane	1	0	107
	Malathion	2	0	101
	Methoxychlor	1	0	108
	2, (2-Methyl-4- chlorophenoxy)propionic acid	2	0	106
	2-(1-Methylethoxy)- phenylmethyl carbamate	1	0	100
	Octylammonium ethane arsonate and dodecyl- ammonium methane arsonate	2	0	105
	Pentachlorophenol	1	0	106
	Piperonyl butoxide	1	0	100
	Prometon	1	0	102
	Pyrethrins	1	0	120
	Rotenone	1	0	104
Ciba-Geigy Corp. (7)	Diazinon	6	0	105
	Pentachlorophenol	1	0	100
	Piperonyl butoxide	2	0	101
	Prometon	1	0	99
	Pyrethrins	2	0	101
W.A. Cleary Corp. (1)	Diethyl-4,4-o-phenylene- bis(3-thioallophanate)	1	0	100

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Connecticut Aerosols, Inc. (21)	d-trans Allethrin	6	0	101
	Baygon (present and not declared	0	3	---
	2,3,4,5-bis(2-Butylene)- tetrahydro-2-furaldehyde	2	0	99
	Chlorpyrifos	5	5	0
	N-Octylbicycloheptene dicarboximide	7	3	55
	Phenothrin	8	0	103
	3-Phenoxybenzyl-d-cis and trans-2,2-dimethyl-3- (2-methylpropenyl)cyclo- propane carboxylate	2	0	99
	Pine oil	1	0	100
	Piperonyl butoxide	7	5	39
	Pyrethrins	7	3	59
	Soap	1	0	100
	Tetramethrin	4	0	98
	(5-Benzyl-3-furyl)methyl- 2,2-dimethyl-3-(2-methyl- propenylcyclopropane carboxylate	1	0	112
	Propylene glycol	2	0	106
	Triethylene glycol	2	0	106
Cutter Laboratories, Inc. (2)	N,N-Diethyl-m-toluamide	2	0	106
	Dimethylphthalate	2	0	105
	N-Octylbicycloheptene- dicarboximide	1	0	110
	Tri-n-butyltin oxide	6	0	120
Darworth (5)				
The d-Con Company, Inc. (3)	(5-Benzyl-3-furyl)methyl- 2,2-dimethyl-3-(2-methyl- propenylcyclopropane carboxylate	2	0	98
	N,N-Diethyl-m-toluamide	1	0	109
	2-Ethyl-1,3-hexanediol	1	0	101
	Piperonyl butoxide	1	0	109
	pyrethrins	1	0	113

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Del Chemical Co. (1)	Chlordane	1	1	--- ^a
	2,4-D	1	1	--- ^a
	2,4,5-T	1	1	--- ^a
Dexol Industries (7)	Chlorpyrifos	2	0	98
	(5-Benzyl-3-furyl)methyl- 2,2-dimethyl-3-(2-methyl- propenyl)cyclopropane carboxylate	1	0	110
	Diazinon	1	0	102
	Ethylene dichloride	1	0	102
	Hexadecylcyclopropane carboxylate	1	0	111
	Methoprene	1	0	105
	Nicotine	1	0	121
	Piperonyl butoxide	1	0	95
	Pyrethrins	1	0	120
Diamond Shamrock Corp. (2)	Chlorothalonil	1	0	101
	2-Chloro-1-(2,4,5-trichloro- phenyl)-vinyl dimethyl phosphate	1	0	103
Dragon Chemical Corp. (2)	Baygon	1	0	99
	MGK 264	1	0	97
	Piperonyl butoxide	1	0	100
	Pyrethrins	1	0	110
	Sevin	1	0	103
Dubois Chemical Co. (2)	Quaternary ammonium compounds	2	0	113
Edsan Chemical Co. (2)	Phenols	6	6	--- ^a
E.I. duPont de Nemours & Co. (1)	Ammonium ethylcarbamoyl phosphonate	1	0	102
Estech General Chemical Co. (13)	Chlorpyrifos	1	0	110
	2,4-D	7	0	92
	Dicamba	3	0	93
	Dimethyl tetrachloro terephthalate	5	0	103
	2, (2-Methyl-4-chloro- phenoxy)propionic acid	3	0	91

Pesticide Manufacturer	Pesticides	Number Of Claims	Number Not Met	Average % Of Claims
Faesy & Besthoff Inc. (2)	Imidan			
	Sodium methyldithio- carbamate	1	0	100
FMC Corp. (1)	Zineb	1	0	108
Gordon Corp. (3)	Dursban	3	2	63
Heritage House Products (1)	Pyrethrins	1	0	104
Huntington Labs, Inc. (1)	p-tert-Amylphenol	1	0	113
	o-Benzyl-p-chlorophenol	1	0	102
	o-Phenylphenol	1	0	103
The Hyponex Co. Inc. (1)	Pyrethrins	1	0	97
International Minerals & Chemical Corporation (1)	Nabam	1	0	109
	Sodium dimethyldithio carbamate	1	0	109
International Two Thousand Inc (2)	Zinc phosphide	2	0	72
Jamestown Chemical Co. (7)	Ethylenediamine	1	0	115
	Poly oxyethylene(dimethyl- imino)ethylene(dimethyl- imino)ethylenedichloride	4	0	83
	Potassium-N-methyldithio- carbamate	1	0	105
	Quaternary ammonium compounds	3	0	100
	Tributyltin neodecanoate	1	0	100
	d-trans Allethrin	2	0	105
	Baygon	2	0	104
S.C. Johnson & Sons, Inc. (5)	(5-Benzyl-3-furyl)- methyl-2,2-dimethyl- 3-(2-methylpropenyl)- cyclopropane carboxylate	2	0	102
	DDVP	2	0	100
	2-(1-Methylethoxy)phenyl- methyl carbamate	1	0	97
	Tetramethrin	1	0	103

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Kem Manufacturing Co. (2)	Baygon	2	2	---a
	N-Octylbicycloheptene dicarboximide	2	2	---a
	Piperonyl butoxide	2	2	---a
	Pyrethrins	2	2	---a
H. Krevit & Co. (4)	Sodium hypochlorite	4	4	---a
Lethelin Products Co. Inc., (1)	Lindane	1	0	103
Lynwood Laboratories (1)	Diazinon	1	0	107
	Piperonyl butoxide	1	0	100
	Pyrethrins	1	0	100
Mallinckrodt, Inc. (1)	Ethylene bisdithiocarbamate	1	0	113
	Manganese	1	0	113
	Thiophanate-methyl	1	0	103
	Zinc	1	0	113
Millane Nurseries & Tree Experts (1)	Glyphosate	1	0	91
Miller Morton Co. (1)	Methoxychlor	1	0	119
	Piperonyl butoxide	1	0	97
MK Labs (1)	Citronella	1	0	100
Monroe Tree Service (1)	2,4-D	1	0	104
	Dicamba	1	0	97
Monsanto Co. (2)	Glyphosate	2	0	102
National Chemsearch (2)	2,3:4,5 Bix(2-Butylene)- tetrahydro-2-furaldehyde	1	0	104
	N,N-Diethyl-m-toluamide	1	0	102
	2 (1-Methylethoxy)phenyl- methyl carbamate	1	0	100
	N-Octylbicycloheptene- dicarboximide	2	0	101
	Piperonyl butoxide	1	0	99
	Pyrethrins	1	0	111
	Lindane	1	0	120
	Silvex	1	0	97

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Occidental Chemical Co. (1)	Bromacil	1	0	104
The Parrott Chemical Co. (4)	Captan	1	0	99
	Carbaryl	1	0	120
	Chlordane	1	0	99
	Diazinon	1	0	102
	Lindane	1	0	101
	Sulfur	1	0	101
Pest Control Products of Conn. (4)	Boric acid	1	0	100
	Diazinon	2	2	36
	Dursban	2	2	--- ^a
	Piperonyl butoxide	2	2	75
	Pyrethrins	2	0	96
	Warfarin	1	1	0
Plantabbs Corp. (2)	Malathion	1	0	98
	N-Octylbicyclophptene- dicarboximide	1	0	97
	Pyrethrins	1	0	110
B.G. Pratt Division of Gabriel Chemicals Ltd. (7)	Carbaryl	1	0	101
	Copper	1	0	90
	Diazinon	2	0	101
	Methoxychlor	1	0	104
	Piperonyl butoxide	1	0	98
	Pyrethrins	2	0	107
	Resmethrin	1	0	108
	Rotenone	1	0	93
Ralston Purina Co. (16)	Diazinon	2	0	100
	Dimethoate	1	0	103
	Dipropylisocinchomeronate	2	0	103
	Gamma isomer of benzene hexachloride	2	0	104
	Malathion	4	1	92
	Methoxychlor	1	0	106
	N-Octylbicycloheptene- dicarboximide	1	0	107
	Piperonyl butoxide	3	0	95
	Pyrethrins	3	0	100
	Quaternary ammonium compounds	1	0	102
	Ronnel	1	0	98
	Sevin	3	0	102
	Sulfur	1	0	105
	Zineb	1	0	147

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Risdon Q-Mist Corp. (1)	Resmethrin	1	0	120
Rite Off, Inc. (3)	Piperonyl butoxide	3	0	85
	Pyrethrins	3	0	100
	Sevin	3	0	94
Rockland Chemical Co. (9)	Captan	3	2	134
	D-Isopropylphenyl- methyl carbamate	1	0	99
	Malathion	2	0	116
	Mesurool	1	0	107
	Methoxychlor	2	2	154
	Piperonyl butoxide	2	0	97
	Pyrethrins	2	0	107
	Quaternary ammonium compound	1	0	100
Ross Daniels, Inc. (1)	Chlordane	1	0	99
Salsbury Laboratories (2)	Sulfaquinoxaline	1	0	108
	Warfarin	1	0	102
Sanitary Products Corp. (3)	Quaternary ammonium compounds	3	0	106
Sanitized, Inc. (2)	2-Mercaptobenzo- thiazole (zinc).	1	0	100
	Ziram	1	0	99
Science Products Co. Inc. (6)	Captan	2	0	100
	Chlorpyrifos	1	0	102
	Folpet	1	0	99
	2-Isopropylphenylmethyl carbamate	1	0	102
	Karathane	1	0	105
	Kelthane	1	0	103
	Malathion	3	0	98
	Methoxychlor	1	0	108
	Piperonyl butoxide	1	0	101
	Pyrethrins	1	0	93
	Sevin	1	0	110
Seacoast Laboratories Inc. (2)	1,1-bis(Chlorophenyl)- 2,2,2-trichloroethanol	1	0	96
	Diazinon	1	0	101

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Seacoast Laboratories, Inc (2)	Malathion	1	0	99
	Methoxychlor	1	0	104
Starbar Division of Zoecon Corp. (1)	N-(Mercaptomethyl)- phthalimide-S-(0,0- dimethylphosphors- dithioate)	1	0	103
Stauffer Chemical Co. (1)	Sevin	1	0	103
Sudbury Laboratory, Inc. (2)	Methylnonyl ketone	1	0	106
	Thiram	1	0	101
The Tanglefoot Co. (1)	Castor oil	1	0	---b
	Guar resin	1	1	---b
	Wax	1	0	---b
Tennaco Chemicals, Inc. (1)	Folpet	1	0	100
Tremson Corporation (2)	2,4-D	1	0	107
	Dicamba	1	0	104
Tuco Division of Upjohn Co. (1)	Dimethyl(2,2,2- trichloro-1-hydroxy- ethyl)phosphonate	1	0	101
R.T. Vanderbilt Co., Inc. (4)	Sodium dimethyldithio- carbamate	2	0	100
	Sodium 2-mercaptobenzo- thiazole	4	0	1.6
Vegetation Control Services, Inc. (1)	4-Amino-3,5,6-trichloro- picolinic acid	1	0	106
	2,4 D	1	0	104
Velsicol Chemical Corp. (1)	2,4-D	1	0	99
	Dicamba	1	0	102
Wardley Products Co. (2)	Simazine	2	0	99
Whitmire Research Laboratories (1)	Resmethrin	1	0	117

Pesticide Manufacturer	Pesticide	Number Of Claims	Number Not Met	Average % Of Claims
Zodiac Pet Products (3)	Carbaryl	1	0	106
	Dichlorvos	1	0	106
	Ronnel	1	0	108
<hr/>				
	(257)	419	57	93

Percent of claims not met: 13.6

^a Concentration not declared

^b Qualitative tests only



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